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Date: March 14, 2005

To: Examiner: Bipin H. Shalwala
Art Unit: 2673

Fax No.: 703-872-9306

From: Stephen P. Burr

Subject: U.S. Application Ser. No. 10/810,078
Filed: March 26, 2004
Conf. No.: 3510
Title: CIRCUIT ELEMENT, SIGNAL PROCESSING CIRCUIT, CONTROL DEVICE,
DISPLAY DEVICE, METHOD OF DRIVING DISPLAY DEVICE, METHOD OF
DRIVING CIRCUIT ELEMENT, AND METHOD OF DRIVING CONTROL DEVICE

Our Ref.: 789_127

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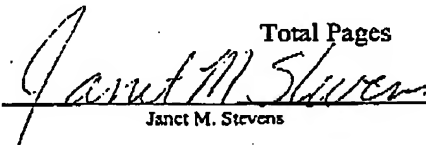
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I hereby certify that the following paper(s) is/are being facsimile transmitted to 703-872-9306 at the Patent and Trademark Office on March 14, 2005:

• Transmittal of IDS Under 37 CFR 1.97(b)	<u>1</u> page
• Information Disclosure Statement	<u>2</u> pages
• Form PTO-1449	<u>1</u> page
• European Search Report	<u>3</u> pages
• This Cover Sheet	<u>1</u> pages

Total Pages

8


Janet M. Stevens

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BURR & BROWN

Practitioner's Docket No.: 789_127

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Yukihisa TAKEUCHI, Tsutomu NANATAKI, Iwao OHWADA
and Takayoshi AKAO

Ser. No.: 10/810,078

Art Unit: 2673

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Filed: March 26, 2004

Examiner: Bipin H. Shalwala

MAR 14 2005

Confirmation No.: 3510

For: CIRCUIT ELEMENT, SIGNAL PROCESSING CIRCUIT, CONTROL DEVICE,
DISPLAY DEVICE, METHOD OF DRIVING DISPLAY DEVICE, METHOD OF
DRIVING CIRCUIT ELEMENT, AND METHOD OF DRIVING CONTROL DEVICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97(b)

Sir:

The information disclosure statement transmitted herewith is being filed:

- ☐ within three months of the filing date of this national application.
- ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application.
- ☒ before the mailing date of the first Office action on the merits.
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

Respectfully submitted,

March 14, 2005

Date

Stephen P. Burr
Stephen P. Burr
Reg. No. 32,970

SPB:jms

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Practitioner's Docket No.: 789_127

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Yukihisa TAKEUCHI, Tsutomu NANATAKI, Iwao
OHWADA and Takayoshi AKAO

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Ser. No.: 10/810,078

Art Unit: 2673

MAR 14 2005

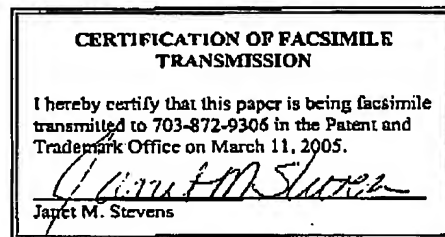
Filed: March 26, 2004

Examiner: Bipin H. Shalwala

Confirmation No.: 3510

For: CIRCUIT ELEMENT, SIGNAL PROCESSING CIRCUIT, CONTROL DEVICE,
DISPLAY DEVICE, METHOD OF DRIVING DISPLAY DEVICE, METHOD OF
DRIVING CIRCUIT ELEMENT, AND METHOD OF DRIVING CONTROL
DEVICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Required copies of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a European Search Report from a related European patent application bearing a mailing date of December 14, 2004, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein. Reference CP corresponds to Reference BP (WO 02/052600) which was cited in an Information Disclosure Statement filed December 8, 2004.

- 2 -

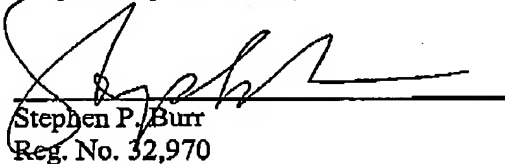
The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

March 14, 2005

Date

Respectfully submitted,


Stephen P. Burr
Reg. No. 32,970

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Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>		
				Application Number	10/810,078	
				Filing Date	March 26, 2004	
				First Named Inventor	Yukihisa TAKEUCHI	
				Art Unit	2673	
				Examiner Name	Bipin H. Shalwala	
				Confirmation No.	3510	
Sheet	1	of	1	Attorney Docket No.		789_127

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U.S. PATENT DOCUMENTS

Exam Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	CN	2002/0154101	10/24/2002	Abe et al.				
	CO	6,380,913	04/30/2002	Hush et al.				
	CP	2003/0038600	02/27/2003	Takeuchi et al.				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above U.S. references.



Pat. 5013 - Patente 2
2250 HV RUSMIR (2H)
☐ - 31 70 340 2040
EX 31031 890 N
FAX - 31 70 340 3018

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherche-
abteilung

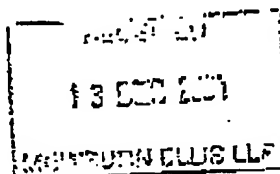
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Patent Office

Branch at
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Search
Division

Office européen
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Département A
La Haye
Division de la
recherche

Naylor, Matthew John
Mewburn Ellis LLP
York House,
23 Kingsway
London WC2B 6HP
GRANDE BRETAGNE



Date/Date
14.12.04

Zeichen/Drawing MJN/BP 6745294	Anmeldung Nr./Application No./Demande n°/Patent No./Brevet n° 04255006.1-2205-
Anmelder/Applicant/Consignataire/Patent/Inhaber/Propriétaire/Titulaire NGK INSULATORS, LTD.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract ☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 13

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REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 25 5006

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IntCl.7)
A	US 2002/154101 A1 (ABE NAOTO ET AL) 24 October 2002 (2002-10-24) * paragraph '0106! - paragraph '0113! * * paragraph '0122! - paragraph '0127! * * figures 1-4,7,8 *	1-6, 11-16	G09G3/22
A	EP 0 953 958 A (CANON KK) 3 November 1999 (1999-11-03) * paragraph '0115! - paragraph '0121!; figure 8 *	1,11	
A	US 6 380 913 B1 (HUSH GLEN E ET AL) 30 April 2002 (2002-04-30) * column 7, line 44 - column 9, line 31; figure 10 *	1,11	
A	US 2003/038600 A1 (TAKEUCHI YUKIHISA ET AL) 27 February 2003 (2003-02-27) * paragraph '0023! - paragraph '0095!; figure 1 * * paragraph '0161! *	7,17	
			TECHNICAL FIELDS SEARCHED (IntCl.7)
			G09G H01J
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 30 November 2004	Examiner Farricella, L
CATEGORY OF CITED DOCUMENTS		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date O: document cited in the application L: document cited for other reasons X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure	

FORM 1503 (01/02) (2004.01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 04 25 5006

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on the European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-11-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002154101	A1	24-10-2002	JP 3049061 B2	05-06-2000
			JP 2000310965 A	07-11-2000
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			US 2002153827 A1	24-10-2002

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